



Synthesis of Organic Materials



Jyh-Chien Chen

Professor/Chairman

jcchen@mail.ntust.edu.tw

Education:

- Ph. D. in Polymer Science
University of Akron, OH USA

Lectures:

- Organic Chemistry
- Polymer Chemistry
- Spectrometric Identification of Organic Compounds
- Advanced Polymer Chemistry

Research Interests

- **Synthesis of Novel Polyimides and Heterocyclic Polymers**

New Monomer Design
Photochromic materials
High Refractive Indices Polyimides
High Tg and Colorless Polyimides

- **Synthesis of π -Conjugated Polymers**

New Donor-Acceptor System
Organic Semiconductor OFET

- **Hydrogen Energy Fuel Cells**

Polymer Membranes for PEMFC and AEMFC
Polymer Membranes for Water Electrolysis Cell.